

Substitute for form 1459A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/632224	
			Filing Date	7/31/2003	
			First Named Inventor	THOMAS C. McDONALD	
			Group Art Unit	2183	
			Examiner Name	EDDIE CHAN	
Sheet	1	of	4	Attorney Docket Number	CNTR.2141

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (if known)}			
<i>MC</i>		5706491	01-06-1998	Steven C. McMahan	
<i>MC</i>		5313634	05-17-1994	James Eickemeyer	
<i>MC</i>		5961629	10-05-1999	Nguyen et al	
<i>MC</i>		5832289	11-03-1998	Shaw et al	
<i>MC</i>		5828901	10-27-1998	O'Toole et al	
<i>MC</i>		5864707	01-26-1999	Tran et al	
<i>MC</i>		6035391	03-07-2000	David L. Isaman	
<i>MC</i>		5353421	10-04-1994	Emma et al	
<i>MC</i>		6081884	06-27-2000	Paul K. Miller	
<i>MC</i>		6250821	06-26-2001	Greg Schwendinger	
<i>MC</i>		5805877	09-08-1998	Black et al	
<i>MC</i>		5948100	09-07-1999	Hsu et al	
<i>MC</i>		6233676	05-15-2001	Henry et al	
<i>MC</i>		5623615	04-22-1997	Salem et al	
<i>MC</i>		6175897	01-16-2001	Ryan et al	
<i>MC</i>		5734881	03-31-1998	White et al	
<i>MC</i>		6260138	07-10-2001	Jeremy G. Harris	
<i>MC</i>		6823444	11-23-2004	Henry et al	
<i>MC</i>		6256727	07-03-2001	Robert Greg McDonald	
<i>MC</i>		5931944	08-03-1999	Ginosar et al	
<i>MC</i>		5881260	03-09-1999	Raje et al	
<i>MC</i>		4860197	08-22-1989	Langendorf et al	
<i>MC</i>		5142634	08-25-1992	Fite et al	
<i>MC</i>		5163140	11-10-1992	Stiles et al	
<i>MC</i>		5404467	04-04-1995	Saba et al	

Examiner Signature	<i>James M. Hall</i>	Date Considered	2/13/2006
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known Application Number: 10/632224 Filing Date: 7/31/2003 First Named Inventor: THOMAS C. MCDONALD Group Art Unit: 2183 Examiner Name: EDDIE CHAN Attorney Docket Number: CNTR.2141	
Sheet	2	of	4		

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		Number-Kind Code ² (if known)			
<i>M</i>		5687360	11-11-1997	Po-Hua Chang	
<i>M</i>		5761723	06-02-1998	Black et al	
<i>M</i>		5867701	02-02-1999	Brown et al	
<i>M</i>		5964868	10-12-1999	Gochman et al	
<i>M</i>		5974543	10-26-1999	Hilgendorf et al	
<i>M</i>		5978909	11-02-1999	Oded Lempel	
<i>M</i>		6088793	07-11-2000	Liu et al	
<i>M</i>		6151671	11-21-2000	D'Sa et al	
<i>M</i>		6314514	11-06-2001	Thomas C. McDonald	
<i>M</i>		6502185	12-31-2002	Keller et al	
<i>M</i>		6601161	07-29-2003	Rappoport et al	
<i>M</i>		6647467	11-11-2003	Eric M. Dowling	
<i>M</i>		5355459	10-11-1994	Matsuo et al	
<i>M</i>		5850543	12-15-1998	Shiell et al	
<i>M</i>		6108773	08-22-2000	Col et al	
<i>M</i>		5513330	04-30-1996	David R. Stiles	
<i>M</i>		6457120	09-24-2002	Balaram Sinharoy	
<i>M</i>		5634103	05-27-1997	Dietz et al	
<i>M</i>		6044459	03-28-2000	Bae et al	
<i>M</i>		5530825	06-25-1996	Black et al	
<i>M</i>		5812839	09-22-1998	Hoyt et al	
<i>M</i>		5604877	02-18-1997	Hoyt et al	
<i>M</i>		6134654	10-17-2000	Patel et al	
<i>M</i>		4181942	01-01-1980	Forster et al	
<i>M</i>		5687349	11-11-1997	Ralph C. McGarity	
<i>M</i>		6279105	08-21-2001	Konigsburg et al	

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				Examiner Name	EDDIE CHAN
				Attorney Docket Number	CNTR.2141
Sheet	3	of	4		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>mm</i>		5968169	10-19-1999	James K. Pickett	
<i>mm</i>		6085311	07-04-2000	Narayan et al	
<i>mm</i>		6308259	10-23-2001	David B. Witt	
<i>mm</i>		5623614	04-22-1997	Van Dyke et al	
<i>mm</i>		5768576	06-16-1998	Hoyt et al	
<i>mm</i>		6170054	01-02-2001	Mitchell Alexander Poplingher	
<i>mm</i>		6279106	08-21-2001	James S. Roberts	
<i>mm</i>		2002194464	12-19-2002	Henry et al	
<i>mm</i>		5721855	02-24-1998	Hinton et al	
<i>mm</i>		4200927	04-29-1980	Hughes et al	
<i>mm</i>		6185676	02-06-2001	Poplingher et al.	
<i>mm</i>		5394530	02-28-1995	Mayumi Kitta	
<i>mm</i>		6886093	04-26-2005	G. Glenn Henry	
<i>mm</i>		20040030866	02-12-2004	Thomas C. McDonald	
<i>mm</i>		20020194461	12-19-2002	Henry et al.	
<i>mm</i>		20020194460	12-19-2002	Henry et al.	
<i>mm</i>		20050132175	06-16-2004	Henry et al.	
<i>mm</i>		20050044343	02-24-2005	Henry et al.	
<i>mm</i>		20020188833	12-12-2002	Henry et al.	
<i>mm</i>		20050114636	05-26-2005	McDonald et al.	
<i>mm</i>		20040139281	07-15-2004	Thomas C. McDonald	
<i>mm</i>		20040139301	07-15-2004	Thomas C. McDonald	
<i>mm</i>		20040143727	07-22-2004	Thomas C. McDonald	
<i>mm</i>		20040143709	07-22-2004	Thomas C. McDonald	
<i>mm</i>		20040139292	07-15-2004	Thomas C. McDonald	
<i>mm</i>		20050076193	04-07-2005	Henry et al.	

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				First Named Inventor	THOMAS C. McDONALD
				Group Art Unit	2183
				Examiner Name	EDDIE CHAN
				Attorney Docket Number	CNTR.2141
Sheet	4	of	4		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
m	AA	Microprocessor Report, Vol.9. No.2. February 16, 1995. page 5	
m	AB	Microprocessor Report. August 23, 1999. page 7	
m	AC	YEH ET AL. Alternative Implementation of Two-Level Adaptive Branch Prediction. 19th Annual International Symposium on Computer Architecture. Pp124-134. May 19-21, 1992. Gold Coast, Australia	
m	AD	CHANG ET AL. Alternative Implementations of Hybrid Branch Predictors. Proceedings of MICRO-28. 1995. IEEE.	
m	AE	MC FARLING, SCOTT. WRL Technical Note TN-36. "Combining Branch Predictors. June 1993. Western Research Laboratory, 250 University Ave., Palo Alto, CA 94301	
m	AF	BRAY ET AL. Strategies For Branch Target Buffers. Technical Report No. CSL-TR-91-480. June 1991.	
m	AG	SAKAMOTO ET AL. Microarchitecture Support for Reducing Branch Penalty in a Superscaler Processor. Pp 208-216. Mitsubishi Electric Corp. 4-1 Mizuhara, Itami, Hyogo 664. Japan, 1996. IEEE.	
m	AH	IEEE 100, The Authoritative Dictionary of IEEE Standard Terms, Seventh Edition. The Institute of Electrical Engineering, Inc. New York: Standards Information Network IEEE Press Page 135.	

Examiner Signature		Date Considered	2/13/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	N/A
				Filing Date	Herewith
				First Named Inventor	Thomas C. McDonald
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	CNTR.2141
Sheet	1	of	1		

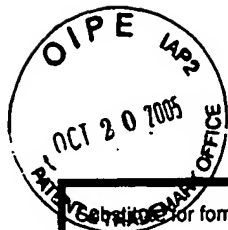
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<i>M</i>		20050198481	09-08-2005	Henry et al.	
<i>M</i>		20050198479	09-08-2005	Bean et al.	
<i>M</i>		6895498	05-17-2005	McDonald et al.	

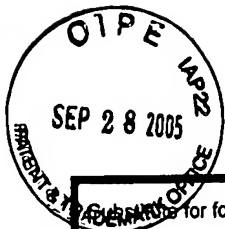
FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	<i>Jane M...</i>	Date Considered	2/13/2006
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Sheet

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of

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Complete if Known

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Examiner Name	Eddie Chan
Attorney Docket Number	CNTR.2141

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<i>MC</i>		5850532	12-15-1998	Narayan et al	
<i>MC</i>		5752069	05-12-1998	Roberts et al.	

FOREIGN PATENT DOCUMENTS

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Signature

James M. Hall

Date
Considered

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